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03-01-02  
SUBSTITUTE for PTO/SB/05 (08/00) Utility Patent Application Transmittal  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. IT0002PCA

First Inventor or Application Identifier De Francesco et al.

Title METHOD FOR REPRODUCING IN VITRO THE RNA-DEPENDENT  
RNA POLYMERASE AND TERMINAL NUCLEOTIDYL  
TRANSFERASE ACTIVITIES ENCODED BY HEPATITIS C VIRUS  
(HCV)

Express Mail Label No. EL523911587US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [ Total Pages 41 ]
3. ☒ Drawing(s) (35 USC 113) [ Total Sheets 3 ]  
[ Total Pages 44 ]
4. Oath or Declaration
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 14 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 CFR 1.63(d)(2)  
and 1.33 (b).
5. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- 6 Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☒ Computer Readable Form
- b. ☒ Paper Copy (identical to computer copy)
- c. ☒ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment papers (cover sheet & document(s))
8. ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
9. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
10. ☒ Preliminary Amendment
11. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
12. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
13. ☒ Other: Revocation of Power of Attorney filed in  
Parent Case

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. 08 / 952,981

Prior application information: Examiner Hutson, R Group/Art Unit 1652

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

**15. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

**Customer No. 000210**

(Insert Customer No. or Attach bar code here)

NAME	Sheldon O. Heber				
ADDRESS	Merck & Co., Inc., P. O. Box 2000 - Patent Dept., RY60-30				
CITY	Rahway	STATE	NJ	ZIP CODE	07065-0907
COUNTRY	USA	TELEPHONE	732-594- 1958	FAX	732-594-4720

Name	Sheldon O. Heber	Registration No. (Attorney/Agent)	38,179
Signature	<i>Sheldon Heber</i>	Date	2/27/02

**EXPRESS MAIL CERTIFICATE**

DATE OF DEPOSIT Feb. 27, 2002

EXPRESS MAIL NO. EL523911587US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, D.C. 20231.

MAILED BY *Christie Caffe* DATE 2-27-02

Patent Case No.

IT0002PCA

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Prior Application:

Examiner

Hutson, R

Art Unit

1652

Sir: This is a request for filing a ☒ Continuation ☐ Divisional

application, under 37 C.F.R. 1.53(b), of pending application Serial No. 08/952,981 filed on

March 23, 1998

(DATE)

of De Francesco

(INVENTOR)

for METHOD FOR REPRODUCING IN VITRO THE RNA-DEPENDENT RNA POLYMERASE AND TERMINAL NUCLEOTIDYL TRANSFERASE ACTIVITIES ENCODED BY HEPATITIS C VIRUS (HCV)

(TITLE OF INVENTION)

1. The enclosed comprises a copy of prior application Serial No. 08/952,981, as filed on March 23, 1998. The entire disclosure of this prior application is hereby incorporated by reference.

2. The filing fee is calculated below:

## CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW

FOR	NUMBER FILED		NUMBER EXTRA		RATE	FEE
Total Claims	13	-	20	0	x	\$18
Independent Claims	3	-	3	0	x	\$84
*Multiple Dependent Claims						\$280
Basic Fee (minimum amount required)						\$740
* Add this fee if application contains any multiple dependent claims, regardless of number.						\$740
						<b>Total Fee</b>

3. The Assistant Commissioner is hereby authorized to charge any fees which may be required or to credit any overpayment to Account No. 13-2755.

4. ☐ Amend the specification by inserting before the first line the sentence:  
-- This is a ☐ continuation, ☐ division of application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
5. ☐ Cancel in this application original claims: \_\_\_\_\_.
6. ☐ Preliminary amendment enclosed.
7. ☐ Information Disclosure Statement/PTO-1449 enclosed.
- 8a. ☐ Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file.
- 8b. ☐ New formal drawings are enclosed.
- 9a. ☒ Priority of application Serial No. RM95A000343, filed May 25, 1995, in Italy is claimed under 35 U.S.C. 119.  
(COUNTRY)
- 9b. ☒ The certified copy of the priority application has been filed in prior application Serial No. 08/952,981, filed during the PCT stage and a certified translation was filed January 16, 2001.
10. ☒ The prior application is assigned to Istituto Di Ricerche Di Biologia Molecolare P. Angeletti S.P.A.
11. ☐ The undersigned attorney or agent has:
- a. ☐ Power in the prior application as originally filed.
- b. ☐ Associate power, copy enclosed.

Respectfully,



By: Sheldon O. Heber

Attorney \_\_\_\_\_ for Applicant(s)

Registration No. 38,179

Telephone: (732) 594-1958

Address: Merck & Co., Inc.  
Patent Department  
P.O. Box 2000 - RY60-30  
Rahway, N.J. 07065-0907

Date: 2/27/02

## EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT

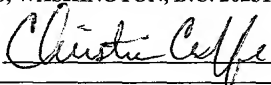
Feb 27, 2002

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MAILED BY



DATE

2-27-02

IN DUPLICATE

Enclosure

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	De Francèso et al.		
Serial No.:	TBA	Case No.:	IT0002PCA
Filed:			
For:	METHOD FOR REPRODUCING IN VITRO THE RNA-DEPENDENT RNA POLYMERASE AND TERMINAL NUCLEOTIDYL TRANSFERASE ACTIVITIES ENCODED BY HEPATITIS C VIRUS (HCV)		

Art Unit:

Examiner:

Assistant Commissioner for Patents  
Washington, D.C. 20231

SEQUENCE LISTING STATEMENT

Sir:

The enclosed paper copy and computer readable copy of the Sequence Listing for this application is hereby submitted with the filing of this application. The contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821 *et seq.*, are the same.

No fee is believed to be due. However, the Commissioner is authorized to charge Deposit Account No. 13-2755 for any amount necessary for the entry of this Sequence Listing.

**EXPRESS MAIL CERTIFICATE**  
DATE OF DEPOSIT FEB 27 2002  
EXPRESS MAIL NO. EL523911582 US  
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS EXPRESS MAIL "POST OFFICE TO  
ADDRESSEE" BEFORE 5 P.M. ON THE ABOVE DATE IN  
AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER  
FOR PATENTS, WASHINGTON, D.C. 20231.  
MAILED BY Christie Cella  
DATE 2-27-02

Respectfully submitted,

By Sheldon O. Heber  
Sheldon O. Heber  
Reg. No. 38,179  
Attorney for Applicant

MERCK & CO., INC.  
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Date: 2/27/02